

State Construction Inspection Trainers

Eastern Region Trainer

Vicki Frucci, 509-324-6084

Construction Expert: Drainage Inspection; Excavation and Embankment; Polyester Concrete Inspection; Bridge Structure Inspection; PCC Field Testing

North Central Region Trainer

Tim Moomaw, 509-667-3032

Construction Expert: HMA Production and Testing; HMA Placement; BST Inspection; Nuclear Gauge Safety and Operations; Nuclear Gauge Applications

Northwest Region Trainer

Randy Mawdsley, 206-768-5927

Construction Expert: PCC Field Testing; Aggregate Production; Nuclear Gauge Safety and Operations; Nuclear Gauge Applications; PCC Pavement Inspection

Olympic Region Trainer

Mark Scheuffele, 360-357-2774

Construction Expert: Bridge Structure Inspection; Electrical, Illumination and Signals Inspection

South Central Region Trainer

Mike Dellinger, 509-577-1801

Construction Expert: HMA Production and Testing; HMA Placement; PCC Field Testing; Nuclear Gauge Safety and Operations; Nuclear Gauge Applications

Southwest Region Trainer

Dan Cotton, 360-905-2084

Construction Expert: Construction Inspection Documentation; PCC Field Testing; Nuclear Gauge Safety and Operations; Nuclear Gauge Applications

Construction Inspection Training Manager

Linda Hughes, 360-709-5412

Construction Expert: Construction Audit Tracking System; Statistical Analysis of Materials; Hazardous Materials Shipping

Local Agencies Training Contacts

Laurel Gray, Training Program Coordinator, 360-705-7355, grayl@wsdot.wa.gov

Wendy Schmidt, Training Operations Coordinator, 360-705-7386, schmidw@wsdot.wa.gov, fax 360-705-6858

For More Information

Linda Hughes, Construction Inspection Training Manager
Washington State Department of Transportation
Phone: 360-709-5412
E-mail: hughel@wsdot.wa.gov



Construction Inspection Training Program

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Our mission is to develop, maintain, and support a knowledgeable and skilled workforce by delivering high-quality, effective, and up-to-date training to all employees involved in the delivery of the Highway Construction Program.



**Washington State
Department of Transportation**

With legislative authorization of the 2005 Transportation Partnership Projects, the Washington State Department of Transportation (WSDOT) is launching one of the largest construction programs in the state’s history. Trained and qualified inspectors will play a significant role in the delivery of quality projects that Washington’s citizens expect.

Building a Qualified Workforce

To ensure the success of this mission, our trainers provide quality classroom training to over 1,000 WSDOT, state, and local agency employees each year. Trainers also provide one-on-one instruction in the field to coach new employees and help veteran inspectors keep up-to-date with the latest specifications and testing procedures.

Current Courses

In the classroom, our courses provide professional development opportunities for all engineers and technicians.

WSDOT employees must register for courses through ATMS. Contact your office training coordinator to sign up.

- ACA** CN: Aggregate Production and Testing
- ACC** CN: Bituminous Surface Treatment Inspection
- ACM** CN: Bridge Structures Inspection 101
- ACY** CN: Construction Inspection Documentation
- ACF** CN: Drainage Inspection
- API** CN: Electrical Illuminations and Signals Inspection
- AC3** CN: Excavation and Embankment Inspection
- ACB** CN: Hot Mix Asphalt Placement Inspection
- BG9** CN: Hot Mix Asphalt Production and Testing
- ALG** CN: Nuclear Gauge Safety and Operation
- ANQ** CN: Nuclear Gauge, Embankment/Surfacing/Pavement Applications
- ABT** CN: PCC Field Testing Procedures



Local agency employees should contact the WSDOT Local Agency representative listed on the back for registration information.

Courses Being Developed

We are developing several courses and more are planned for the program.

- Courses currently being developed are:
- PCC Mix Design Review Process
 - Statistics (SAM)

For More Information on Classroom Training

On-line information about the Construction Inspection Training Program is found on the State Materials Lab’s website at http://www.wsdot.wa.gov/biz/mats/construction/const_insp.htm under the heading, Construction Training.

Specialized Courses

Our program also provides specialized training, such as:

- CVQ** CN: HMA Mix Design Review for Supervisors
- CIM** CN: Introduction to Project Inspection
- CKS** CN: Superpave Interpreting the Results



Just In Time Training (JIT)

In addition to the classroom training, we also provide “Just In Time” training. JIT training is specifically developed to meet the needs of individual PE Offices. The beauty of this training is that it comes to you! JIT may be the answer to your training needs if you:

- Need training in job specific inspection.
- Cannot spare employees to attend a full classroom version of a course.
- Need a short course on new specifications, test procedures, or material documentation.

Examples of recent JIT courses include:

- Bridge Painting
- Portland Cement Concrete Pavement Inspection
- Spill Kit Refresher
- Drainage Inspection
- Geotextile Sampling
- Construction Documentation
- Earthwork
- Wet Curing of Bridge Decks

Please contact your region trainers for more information on courses available or to arrange for JIT specific training.

On-line Training Classes

A new venture for the Construction Training Program is on-line learning modules. To date, one course is available:

- Construction Audit System (CATS)

Video Training (WSDOT Employees only)

New to the program is our lineup of videos. For the new tester getting ready to qualify or the experienced tester who may need a refresher, we have provided video demonstrations of current test procedures. Videos and on-line classes are located at <http://dotmlweb/media/> or you can access the site through:
<http://wwwi.wsdot.wa.gov/maintops/mats/>

Demonstration Videos

Videos that demonstrate materials testing methods are available on these topics:

- AASHTO T-304** WSDOT FOP for Determining the Uncompacted Void Content of Fine Aggregate
- AASHTO T-168** WAQTC FOP for AASHTO for the Sampling Bituminous Paving Mixtures
- WAQTC TM-6** FOP for WAQTC for Moisture Content of Bituminous Mixes by Oven
- WSDOT 712** Standard Method of Reducing Bituminous Paving Mixtures
- WSDOT 716** Method of Random Sampling for Location of Testing and Sampling Sites

Construction videos currently available are:

- WSDOT** Transporting The Nuclear Gauge
- WSDOT** Transporting The Nuclear Gauge Box Method
- Class on Video** Concrete Panel Replacement (Jim Tobin)

Coming in 2006

- AASHTO T-209** WSDOT FOP for AASHTO for Determining the Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures
- AASHTO T-27/T11** WAQTC FOP for AASHTO for the Sieve Analysis of Fine and Coarse Aggregates
- AASHTO T-40** WAQTC FOP for AASHTO for Sampling Bituminous Materials
- AASHTO T-308** WSDOT FOP for AASHTO for Determining Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method
- WAQTC TM-2** Sampling Freshly Mixed Concrete
- WSDOT** Bolt Tightening

AASHTO – American Association of State Highway Transportation Officials
FOP – Field Operating Procedure
WAQTC – Western Alliance for Quality Transportation Construction